Mission Area Analysis Overview

Overview

- MAA Objectives and Uses
- Why Conduct MAAs
- MAA Process
- MAA Scenarios
- Completed Studies and Results
- Working Groups Supporting MAA Branch
- Ongoing and Future Efforts
- Points of Contact

MAA Objectives & Uses

Objectives

- Evaluate Marine Corps warfighting capabilities
- Identify operational deficiencies

Uses

- Refine future concepts
- Identify/validate requirements
- Support resource allocation

Provide meaningful analytic insight to decision makers

Why conduct MAAs?

- CJCSI 3170.01B Requirement Generation System
  - MAA should identify capability deficiencies
  - Requires assessment of capability to accomplish missions
  - Part of requirements definition
- Dir, Joint Staff Memo of 2 Oct 02
  - MNS will be replaced by a mission area focused and capabilities-based document in next revision to CJCSI 3170.01
- MCO 3902.2B Marine Corps Study System
  - CG, MCCDC shall conduct MAAs
  - Identify operational needs & define requirements

Fulfill USMC & Joint analytic requirements

Historical Perspective on MAA Process

FY03 & beyond
- GS Analysts
- Scenario-based
- Expanded M&S

Formal quantitative studies of limited depth

FY 97-02
- On-site contractors
- Scenario-based
- Analytic M&S

Enhanced flexibility & depth

Early '90s
- Off-site contractors
- Separate functional areas
- SME opinions

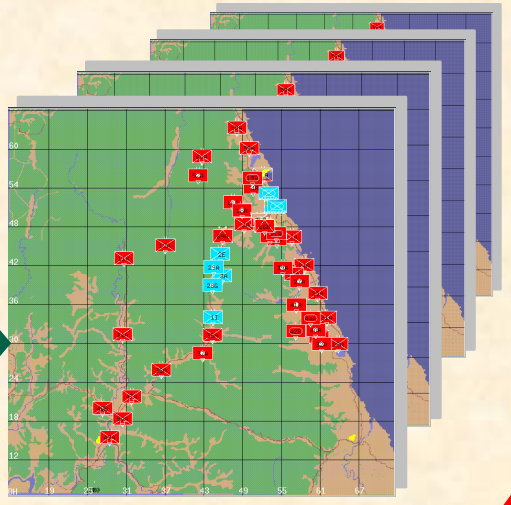
Stove-piped, unquantifiable, "wish-lists"

Increasing Analytic Rigor

Current MAA Process

DPG Compliant

Missions & Threats

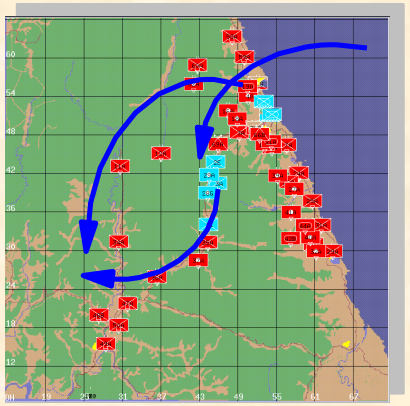


Strategic Scenarios

MCIC Validated

Concepts Doctrine Structure

Selected Scenario For Detailed Study

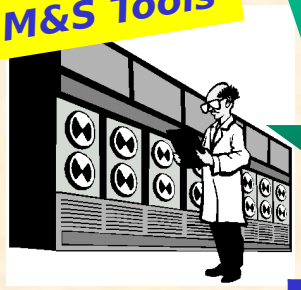


Excursions

Spreadsheet Analysis

Research & Analysis

M&S Tools



New Ideas

Required Capabilities

DEFICIENCIES

CAPABILITIES

- Maneuver
- Intel
- Firepower
- Logistics
- C2
- Protect Force

sis Division

Marine Corps Combat Development Command

MAA Scenarios – Basis for Analytic Efforts

A “spanning set” of scenarios which define the spectrum of concepts, missions, and required capabilities of the USMC

8 diverse, yet complementary scenarios

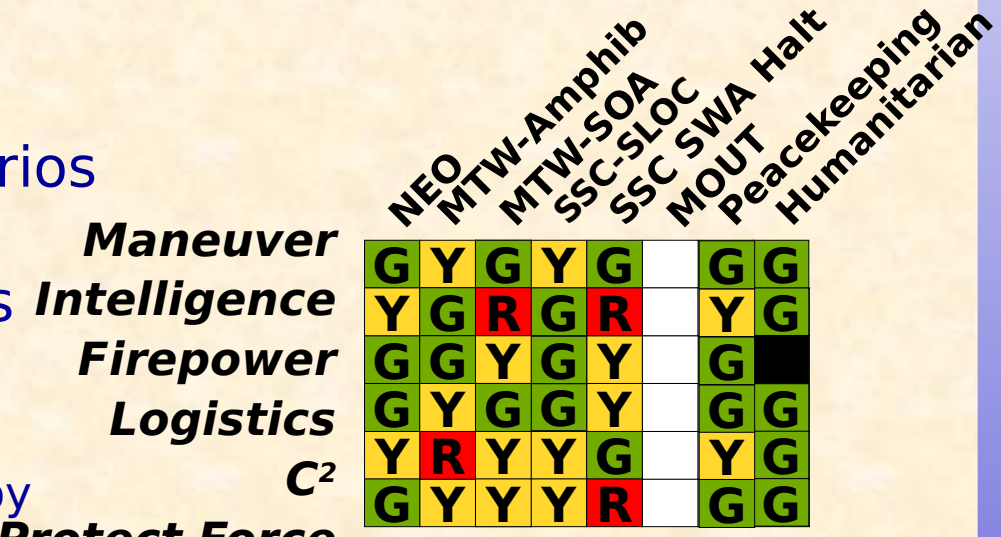
MAA Study Scenarios

Scenarios	MAGTF Size	Concept	Means of Deployment
#1 NEO	MEU	MOOTW	ARG
#2 MTW Amphib	MEF	OMFTS	ATF
#3 MTW Ashore	MEF	SOA	MPF
#4 SSC SLOC	MEB	OMFTS	MPF/ATF
#5 SSC SWA Halt	MEB	SOA/OMFTS	MPF
#6 MOUT	MEB/MEF	SOA	MPF
#7 Peacekeeping	MEB	MOOTW	MPF
#8 Humanitarian Ops	MEU	MOOTW	ARG

Under revision pending release of new Defense Planning Guidance scenarios

MAA – Example Results

- Results are scenario specific
- Examination of multiple scenarios yields full picture
- Provides input to EFDS process
- Examples of results:
  - Maneuver
    - Excessive time to land RLT by surface assault using LCACs
    - Acquisition of AAAVs permits true OTH assault
  - Firepower
    - Lack of sea-based counterbattery location system
  - Logistics
    - Concerns over ability of force to sustain itself beyond 72 hours
  - Command and Control
    - Concerns over ability of landing force to communicate with MEF CE and NSFS 25NM at sea



Summary of Completed MAA Studies

	MAAs	MAGTF Size	Concept	Means of Deployment
#1	NEO	MEU	MOOTW	ARG
#2	MTW Amphib	MEF	OMFTS	ATF
#3	SWA Halt	MEB	SOA	MPF
#4	SSC SLOC	MEB	OMFTS	MPF\ATF
#5	MTW-SBL	MEF	OMFTS	MPF
#6	OMFTS 2015	MEF	OMFTS	ATF/MPF
#7	LHA(R)	All	OMFTS	ARG/ATF
#8	Operational Reach	MEF	OMFTS	ATF
#9	Rapid Response	All	OMFTS	ATF/MPF
#10	SSC SLOC II	MEB	OMFTS	ATF
#11	NEA SOA	MEF	SOA	N/A
#12	LA PKO	MEB	MOOTW	ATF
#13	SWA SOA	MEB	SOA	MPF
#14	HADR	MEU	MOOTW	ARG
#15	MOUT	MEB	SOA	ATF

Working Groups

- MAA study team guided by two Marine Corps working groups
- Provides institutional oversight and awareness
- Ensures most current information and issues
- Increases accuracy, relevance, responsiveness

AA Process - Marine Corps Scenario WG

- Standing WG formed by ACMC in 1995
- Purpose: “To control, maintain & evaluate DPG-based service scenarios . . .”
- Members include:
  - → DC M&RA, Aviation, I&L, PP&O, P&R, MARCORSYSCOM
  - → Director C4, I (MCIA)
  - → MCCDC WDID, T&E, Warfighting Requirements, Equipment Requirements, S&A, Doctrine
- Meets as required to review & validate new scenarios or modifications to existing scenarios
- Chaired by MCCDC

MAA Process - Marine Corps MAA WG

- Purpose: To provide essential guidance & oversight to ensure MAAs meet analytical needs
- Members include:
  - → DC Aviation, I&L, PP&O, P&R, MARCORSYSCOM
  - →Director C4,I
  - → MCCDC EFDC, Warfighting Requirements, Doctrine, Equipment Requirements, S&A
- Meets as required to provide oversight, validate data & assumptions, approve Study Plans, & review emerging MAA reports & findings
- Chaired by Studies and Analysis Division

FY03 MAA Branch Goals

- Transition to civilian analysts
  - Gain flexibility
  - Establish continuity
  - Save $
- Focus on future warfighting
  - Better reflect future warfighting concepts in context of joint ops
  - Identify & quantify deficiencies in projected warfighting capabilities - -facilitate DOTMLPF integration
  - Assess scenario set. Delete outdated, update current, add new scenarios.
- Update and expand methodology
  - Enhance M&S tools and data
  - Mix of formal, in-depth studies and quick, responsive analyses

Ongoing MAA Tasks & Priorities

- Filling vacant civilian analyst positions
- Update scenario set
- Preparing for MAA Seabasing Scenario Study (MEB STOM in RT5) Feb – Aug 2003
- Providing responsive analytic support
  - Expeditionary Force Development Center (EFDC): Ship To Objective Maneuver Concept of Operations
  - Material Requirements Div, EFDC: CH-53E SLEP requirements
  - Joint scenarios in support of Plans, Policy, and Operations, HQMC
  - Operational Scenarios in support of Futures Division, EFDC
  - Futures Division, EFDC: Technical Sponsor Project Officer 2015 Baseline Marine Expeditionary Brigade Study
  - Re-energize the USMC Scenario Working Group

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